

Acquisition Reform Success Story

NF-2D Floodlight Cart Modification

Materiel Group Manager: Mr Charles Jurek
Program Manager: Mr John Attridge
DAC: Maj Gen James S. Childress
Contractor: UNICOR
Contracting Officer: Ms De La Santos
OPR for Success Story: LtC (s) Peck,
SA-ALC/PKAM (RFPSO), DSN:945-2722

Program Description

Logistics support for flight line support equipment. This effort is to modify a lighting and external power, 120 VAC and 240 VAC, cart for night time aircraft maintenance.

How Streamlining Made a Difference

The NF-2D Floodlight assemblies have experienced a significant and unacceptable number of reliability problems, primarily related to engine-generator failures and other assembly failures induced by faulty engine performance. A replacement engine-generator set with proven acceptable reliability was needed to restore confidence levels. SA-ALC/LDE initiated actions to modify all NF-2D's with a commercial replacement engine-generator with increased power output. This required a deviation from AFR 400-50, which was granted by the DoD Mobile Electric Power Office. The commercial item met Air Force adopted vibration levels and the emission standards. UNICOR accepted a MIPR for \$9.9M and advertised the requirement in the Commerce Business Daily (CBD) for engine-generator sets. Contract was awarded by them in Feb 96 to the Kohler Company using best value approach to select a contract source. This practice streamlined and shortened the overall procurement process, thereby saving money and time for implementation. The first 50 TCTO kits were delivered in Dec 96 to Sembach AB and Ramstein AB in support of the Bosnian Mission.

Measure	FROM	TO
Procurement process time	10 months	4 months
Reduced Delivery	18 months	10 months
Projected Program Savings	0	\$500K

Bottom Line: The use of a commercial engine-generator resulted in a streamlined procurement of a TCTO Kit (doing it **better**), shortened the time getting the kit to the field (doing it **faster**), and eliminated the non-value added first article testing requirement which resulted in reduced overall program cost (doing it **cheaper**).